

Program Comparisons for Final Choices-Working Document

	Bridges (K-5)	Eureka (K-5)	Eureka (6-8)	Illustrative Math (6-8)	Agile Mind (6-8)
EdReports	Focus & Coherence Rigor & Math Practices Usability	Focus & Coherence Rigor & Math Practices Usability	Focus & Coherence Rigor & Math Practices Usability	Focus & Coherence Rigor & Math Practices Usability	Focus & Coherence Rigor & Math Practices Usability
Routines	Typical Lesson Includes - Problems & Investigations, K-5 (whole group, partner, small group, discourse) - Work Place, K-5 (centers) - Math Forums, 3-5 (formal discourse) - Problem Strings, 3-5 (fluency, strategy)	Typical K-5 Lesson Includes - Fluency practice (Sprints) - Concept development (Direct Instruction) - Application problems (- Student debrief	- Classwork with various activities for exercises and exploration - Closing - Exit Ticket	Typical Lesson Includes - A warm-up - One or more instructional activities - The lesson synthesis - A cool-down See list of routines built upon and linked below.	Typical Lesson Includes - Launch - Explore - Consolidate - Apply, Practice, Assess
Estimated time needed	80 minutes (60 Bridges, 20 Number Corner)	60 minutes	60 minutes	45 minutes	45 minutes
Visual/Concrete Models	five/tens frames Dominoes Number rack Sticks and bundles Number line Base 10 blocks Arrays/area model Ratio tables	five/tens frames Rekenrek Number stairs Straws and bundles Place value chips Arrays/area model	Tape diagrams/bar models Double number lines Ratio tables Arrays Coordinate Plane	Instructional routines are built with consistency. Visual models vary as appropriate. IM Routine List v3	Simulations

Fluency	• Daily Problem Strings (3-5) • Specific instructional units focused on strategies and patterns • Games in Work Places	Daily timed Sprints and fluency practice	Daily timed Sprints and fluency practice, such as Rapid White Boards Exchanges (RWBE)	Tasks are organized in a manner to build to more efficient procedural fluency. Daily warm ups address either prior knowledge or procedural fluency.	Built through the practice piece of the program
Opportunities for Application	Work Places (center activities - all partner/small group, application of skills)	Application Problems (in workbooks, then reviewed whole class)	Application Problems	Every lesson is focused on the goal of application and conceptual understanding	Simulations and real world scenarios
Supports for Math Discourse	Daily practice in sharing solutions/strategies from Problems & Investigations Math Forum - more formal, teacher selected student sharing	Read, Draw, Write (RDW) routine for students	Teachers are directed to offer discussions, though specifics around how to facilitate good math discourse is hard to locate.	5 practices for orchestrating mathematical discourse Link to 5 Practice Framework	Guided Problem Solving and simulations
Assessment	• Unit pre-assessment • Unit checkpoint • Unit work sample • Unit post-assessment • Comprehensive Growth assessment	• Mid-module assessment • End of module assessment • Assessment resources online: • Equip - premodule assessments • Affirm - assessments that are different from the print materials	• Mid-module assessment • End of module assessment • Assessment resources online: • Equip - premodule assessments • Affirm - assessments that are different from the print	• Formative • Summative • Diagnostic • Aligned to learning goals and targets Illustrative Mathematics Kendall Hunt	• Assessment creator • Guided Practice embedded in the platform, formative data collected • Some assessment data is multiple choice, some is constructed response • No performance tasks but MARSincluded in supplemental

			materials		program, Agile Assessment
Support after Implementation	• Very responsive customer care team • Follow up/support workshops, workshops for coaches, intervention • Blog and videos on educator platform on a range of topics	• Lots of videos online to show teachers how to teach different components and lessons	• Very responsive customer care team • Follow up/support workshops, workshops for coaches, intervention • Blog and videos on educator platform on a range of topics- Eureka Teach guides teachers through units	A variety of PD options ongoing, both in person (virtual when needed) and asynchronous. PD is the major cost for this adoption.	
Research Base/Affiliations	Math Learning Center , non-profit, started in 1976 with a grant from the National Science Foundation	Great Minds non-profit, started in 2007. In 2012, won contract to produce Engage NY - Eureka.	Great Minds non-profit, started in 2007. In 2012, won contract to produce Engage NY - Eureka.	Founded in 2011 at University of Arizona, non-profit since 2013 About IM - IM CERTIFIED BLOG	Dana Center https://www.utdanacenter.org/
Digital Tools	Interactive math manipulatives for students (integrates with Google Classroom) Lots of support for remote teaching - student facing resources	Integrates with Google Classroom In Sync - short videos for students and fillable pdfs of student work pages	Integrates with Google Classroom	Integrates with Google Classroom Optional/ Recommended/Tech pieces Assistments (free)-this piece makes in interactive, not interactive otherwise Geogebra(free) Desmos(free)	Integrates with Google Classroom Focus on blended learning

Digital Platform	Bridges Educator Site, support, resources, curriculum for teachers. No student-facing platform except lessons and activities created for remote/hybrid teaching	Digital Suite includes interactive curriculum, PD videos Equip - premodule assessments Affirm - assessments that are different from the print materials	Digital Suite includes interactive curriculum, PD videos Equip - premodule assessments Affirm - assessments that are different from the print materials	Aligns with others, does not require its own. Net neutral	Has its own digital platform that students must access • Can be used on phone • Has read aloud function • Includes graphing calculator tool
Total Estimate Materials	\$157,494 (includes all print materials, online access, full manipulative kits, and many materials we already have: pattern blocks, unifix cubes, etc. Total cost will be lower)	\$111,421 (K-5 all print materials and online access, no manipulatives)	\$157,445 (K-8 all print materials, no manipulatives)	\$ 26,009.40 (Includes everything- consumable and nonconsumable)	3 year (not including PD specific to Dover) \$82,114.56 5 year (not including PD specific to Dover-20% discount) \$121,651.20
Total Estimate PD	2, K-2 Getting Started sessions 2, 3-5 Getting Started sessions. *No cost with materials purchase*	Implementation PD cost included in quote above	Implementation PD cost included in quote above	\$ 23,400	3 year \$24,000 5 year (no discount for PD) \$36,000 Basically, \$3,000 a day. Can be converted to virtual sessions at a lower cost.
Other	Intervention Program (30 min lessons). Not included in estimate.			There are a few modules of PD that have to be done. The rest is as you need/want. There are consumables and non-consumables with the materials purchased.	

				Acceleration program available, included in estimate, tough we'd probably require additional PD.	
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